

**DECLARATION AND POWER OF ATTORNEY  
UNDER 35 USC §371(c)(4) FOR  
PCT APPLICATION FOR UNITED STATES PATENT**

As a below named inventor, I hereby declare that:  
my residence, post office address and citizenship are as stated below under my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, namely the invention entitled: EXTREME ULTRAVIOLET LIGHT SOURCE AND  
EXTREME ULTRAVIOLET LIGHT SOURCE TARGET

described and claimed in international application number PCT/JP03/16947 filed December 26, 2003.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed by me or my legal representatives or assigns within one year prior to my international application are hereby claimed:

Japanese Patent Application No. 2003-085584 filed March 26, 2003

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to my international application, or (b) before the filing date of the above-named foreign priority application(s):

NONE

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;  
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;  
Richard E. Rice, Reg. No. 31,560; and Paul Tsou, Reg. No. 37,956.

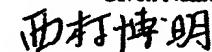
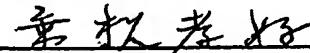
ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	<i>Typewritten Full Name of Sole or First Inventor</i>	Given Name <u>Keiji</u>	Middle Initial <u>長</u>	Family Name <u>NAGAI</u>
2	Inventor's Signature:	<u>長 勝</u>		
3	Date of Signature:	<u>Feb</u>	<u>9</u>	<u>2004</u>
	Residence: <u>Suita</u>	Month	Day	Year
			<u>Osaka</u>	<u>JAPAN</u>
	Citizenship: <u>Japanese</u>	City	State or Province	Country
Post Office Address: <u>c/o Institute of Laser Engineering, Osaka University</u>				
(Insert complete mailing address, including country) <u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>				

Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE   
(Discard this page in a sole inventor application)

1	Typewritten Full Name of Joint Inventor		
	Hiroaki	Middle Initial	NISHIMURA
2	Inventor's Signature:		
			
3	Date of Signature:		
	Feb. 5	Day	2004
Residence:	Suita	City	Osaka
Citizenship:	Japanese		
Post Office Address:			
c/o Institute of Laser Engineering, Osaka University			
(Insert complete mailing address, including country) 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN			
1	Typewritten Full Name of Joint Inventor		
	Takayoshi	Middle Initial	NORIMATSU
2	Inventor's Signature:		
			
3	Date of Signature:		
	Feb. 5	Day	2004
Residence:	Suita	City	Osaka
Citizenship:	Japanese		
Post Office Address:			
c/o Institute of Laser Engineering, Osaka University			
(Insert complete mailing address, including country) 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN			
1	Typewritten Full Name of Joint Inventor		
	Katsunobu	Middle Initial	NISHIHARA
2	Inventor's Signature:		
			
3	Date of Signature:		
	Feb. 5	Day	2004
Residence:	Suita	City	Osaka
Citizenship:	Japanese		
Post Office Address:			
c/o Institute of Laser Engineering, Osaka University			
(Insert complete mailing address, including country) 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN			
1	Typewritten Full Name of Joint Inventor		
	Noriaki	Middle Initial	MIYANAGA
2	Inventor's Signature:		
			
3	Date of Signature:		
	Jan. 26, 2004	Day	2004
Residence:	Suita	City	Osaka
Citizenship:	Japanese		
Post Office Address:			
c/o Institute of Laser Engineering, Osaka University			
(Insert complete mailing address, including country) 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN			

1	Typewritten Full Name of Joint Inventor		
	Masahiro Given Name	Middle Initial	NAKATSUKA Family Name
2	Inventor's Signature:		
3	Date of Signature:		
	Feb. Month	06 Day	2004 Year
Residence:	Suita City	Osaka State or Province	JAPAN Country
Citizenship:	Japanese		
Post Office Address:			
(Insert complete mailing address, including country)			
1	Typewritten Full Name of Joint Inventor		
	Yasukazu Given Name	Middle Initial	IZAWA Family Name
2	Inventor's Signature:		
3	Date of Signature:		
	Feb. Month	9 Day	2004 Year
Residence:	Suita City	Osaka State or Province	JAPAN Country
Citizenship:	Japanese		
Post Office Address:			
(Insert complete mailing address, including country)			
1	Typewritten Full Name of Joint Inventor		
	Tatsuhiro Given Name	Middle Initial	YAMANAKA Family Name
2	Inventor's Signature:		
3	Date of Signature:		
	Jan. Month	30 Day	2004 Year
Residence:	Suita City	Osaka State or Province	JAPAN Country
Citizenship:	Japanese		
Post Office Address:			
(Insert complete mailing address, including country)			
1	Typewritten Full Name of Joint Inventor		
	Mitsuo Given Name	Middle Initial	NAKAI Family Name
2	Inventor's Signature:		
3	Date of Signature:		
	Feb. Month	5 Day	2004 Year
Residence:	Suita City	Osaka State or Province	JAPAN Country
Citizenship:	Japanese		
Post Office Address:			
(Insert complete mailing address, including country)			

1	Typewritten Full Name of Joint Inventor		
	Given Name	Middle Initial	Family Name
2	Inventor's Signature:		
3	Date of Signature:		
Residence:	Month	Day	Year
	Suita	Osaka	JAPAN
Citizenship:	City	State or Province	
Post Office Address:			
c/o Institute of Laser Engineering, Osaka University			
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2	Inventor's Signature:		
3	Date of Signature:		
Residence:	Month	Day	Year
	Osaka	Osaka	JAPAN
Citizenship:	City	State or Province	
Post Office Address:			
c/o Institute for Laser Technology			
(Insert complete mailing address, including country)			
1	Typewritten Full Name of Joint Inventor		
	Given Name	Middle Initial	Family Name
2	Inventor's Signature:		
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Residence:	Month	Day	Year
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	Given Name	Middle Initial	Family Name
2	Inventor's Signature:		
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Residence:	Osaka	Osaka	JAPAN
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Residence:	Suita	Osaka	JAPAN
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1	Typewritten Full Name of Joint Inventor	Takahiro	Middle Initial	HIBINO
		Given Name		Family Name
2	Inventor's Signature:	<u>日比野 隆弘</u>		
3	Date of Signature:	Jan. 29, 2004	Month	Day
	Residence:	Suita	Osaka	Year
		City	State or Province	JAPAN
	Citizenship:	Japanese		
	Post Office Address:	c/o Graduate School of Engineering, Osaka University		
	(Insert complete mailing address, including country)	2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN		
1	Typewritten Full Name of Joint Inventor	Tomoharu	Middle Initial	OKUNO
		Given Name		Family Name
2	Inventor's Signature:	<u>奥野 智晴</u>		
3	Date of Signature:	Jan. 29, 2004	Month	Day
	Residence:	Suita	Osaka	Year
		City	State or Province	JAPAN
	Citizenship:	Japanese		
	Post Office Address:	c/o Graduate School of Engineering, Osaka University		
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Japanese Patent Application No. 2003-085584 filed March 26, 2003

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Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;  
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;  
Richard E. Rice, Reg. No. 31,560; and Paul Tsou, Reg. No. 37,956.

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1	Typewritten Full Name of Sole or First Inventor	Keiji	Given Name	Middle Initial	NAGAI	Family Name
2	Inventor's Signature:					
3	Date of Signature:	Month	Day	Year		
	Residence:	Suita	Osaka	JAPAN		
	Citizenship:	City	State or Province	Country		
Post Office Address:						
c/o Institute of Laser Engineering, Osaka University						
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1	<b>Typewritten Full Name of Joint Inventor</b>		
	Hiroaki	Middle Initial	NISHIMURA
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3	<b>Date of Signature:</b>		
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Citizenship:	City	State or Province	
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1	<b>Typewritten Full Name of Joint Inventor</b>		
	Takayoshi	Middle Initial	NORIMATSU
2	<b>Inventor's Signature:</b>		
3	<b>Date of Signature:</b>		
Residence:	Month	Day	Year
	Suita	Osaka	JAPAN
Citizenship:	City	State or Province	
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1	<b>Typewritten Full Name of Joint Inventor</b>		
	Katsunobu	Middle Initial	NISHIHARA
2	<b>Inventor's Signature:</b>		
3	<b>Date of Signature:</b>		
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Citizenship:	City	State or Province	
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1	<b>Typewritten Full Name of Joint Inventor</b>		
	Noriaki	Middle Initial	MIYANAGA
2	<b>Inventor's Signature:</b>		
3	<b>Date of Signature:</b>		
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	Suita	Osaka	JAPAN
Citizenship:	City	State or Province	
Post Office Address:			
c/o Institute of Laser Engineering, Osaka University			
(Insert complete mailing address, including country) <u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>			

1	<i>Typewritten Full Name of Joint Inventor</i>	Masahiro	NAKATSUKA
		Given Name	Family Name
2	Inventor's Signature:	<hr/>	
3	Date of Signature:	Month	Day
	Residence:	Suita	Osaka
		City	State or Province
	Citizenship:	Japanese	
	Post Office Address:	c/o Institute of Laser Engineering, Osaka University	
	(Insert complete mailing address, including country)	<u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>	
1	<i>Typewritten Full Name of Joint Inventor</i>	Yasukazu	IZAWA
		Given Name	Family Name
2	Inventor's Signature:	<hr/>	
3	Date of Signature:	Month	Day
	Residence:	Suita	Osaka
		City	State or Province
	Citizenship:	Japanese	
	Post Office Address:	c/o Institute of Laser Engineering, Osaka University	
	(Insert complete mailing address, including country)	<u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>	
1	<i>Typewritten Full Name of Joint Inventor</i>	Tatsuhiro	YAMANAKA
		Given Name	Family Name
2	Inventor's Signature:	<hr/>	
3	Date of Signature:	Month	Day
	Residence:	Suita	Osaka
		City	State or Province
	Citizenship:	Japanese	
	Post Office Address:	c/o Institute of Laser Engineering, Osaka University	
	(Insert complete mailing address, including country)	<u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>	
1	<i>Typewritten Full Name of Joint Inventor</i>	Mitsuo	NAKAI
		Given Name	Family Name
2	Inventor's Signature:	<hr/>	
3	Date of Signature:	Month	Day
	Residence:	Suita	Osaka
		City	State or Province
	Citizenship:	Japanese	
	Post Office Address:	c/o Institute of Laser Engineering, Osaka University	
	(Insert complete mailing address, including country)	<u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>	

1	<i>Typewritten Full Name of Joint Inventor</i>	Keisuke	SHIGEMORI
		Given Name	Family Name
2	Inventor's Signature:	<hr/>	
3	Date of Signature:	<hr/>	
	Residence:	Month Suita	Day Osaka
		City	State or Province
	Citizenship:	Year Japanese	
	Country		
	Post Office Address:	<hr/>	
	(Insert complete mailing address, including country)	<hr/>	
1	<i>Typewritten Full Name of Joint Inventor</i>	c/o Institute of Laser Engineering, Osaka University	
		<hr/>	
2	Inventor's Signature:	<hr/>	
3	Date of Signature:	9	30
	Residence:	Month Suita	Day Osaka
		City	State or Province
	Citizenship:	Year Japanese	
	Post Office Address:	<hr/>	
	(Insert complete mailing address, including country)	<hr/>	
1	<i>Typewritten Full Name of Joint Inventor</i>	c/o Institute of Laser Engineering, Osaka University	
		<hr/>	
2	Inventor's Signature:	<hr/>	
3	Date of Signature:	9	30
	Residence:	Month Osaka	Day Osaka
		City	State or Province
	Citizenship:	Year Japanese	
	Post Office Address:	<hr/>	
	(Insert complete mailing address, including country)	<hr/>	
1	<i>Typewritten Full Name of Joint Inventor</i>	c/o Institute for Laser Technology	
		<hr/>	
2	Inventor's Signature:	<hr/>	
3	Date of Signature:	9	30
	Residence:	Month Osaka	Day Osaka
		City	State or Province
	Citizenship:	Year Japanese	
	Post Office Address:	<hr/>	
	(Insert complete mailing address, including country)	<hr/>	
1	<i>Typewritten Full Name of Joint Inventor</i>	c/o Institute for Laser Technology	
		<hr/>	
2	Inventor's Signature:	<hr/>	
3	Date of Signature:	9	30
	Residence:	Month Osaka	Day Osaka
		City	State or Province
	Citizenship:	Year Japanese	
	Post Office Address:	<hr/>	
	(Insert complete mailing address, including country)	<hr/>	

1	Typewritten Full Name of Joint Inventor	Hiroyuki	Middle Initial	FURUKAWA
		Given Name		Family Name
2	Inventor's Signature:			
3	Date of Signature:	Month	Day	Year
	Residence: <u>Osaka</u> City		Osaka	JAPAN
	Citizenship: <u>Japanese</u>			
	Post Office Address:	<u>c/o Institute for Laser Technology</u>		
	(Insert complete mailing address, including country)	<u>1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN</u>		
1	Typewritten Full Name of Joint Inventor	Atsushi	Middle Initial	SUNAHARA
		Given Name		Family Name
2	Inventor's Signature:			
3	Date of Signature:	Month	Day	Year
	Residence: <u>Osaka</u> City		Osaka	JAPAN
	Citizenship: <u>Japanese</u>			
	Post Office Address:	<u>c/o Institute for Laser Technology</u>		
	(Insert complete mailing address, including country)	<u>1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN</u>		
1	Typewritten Full Name of Joint Inventor	Vasilli	Middle Initial	ZHAKHOVSKI
		Given Name		Family Name
2	Inventor's Signature:			
3	Date of Signature:	Month	Day	Year
	Residence: <u>Osaka</u> City		Osaka	JAPAN
	Citizenship: <u>Russian</u>			
	Post Office Address:	<u>c/o Institute for Laser Technology</u>		
	(Insert complete mailing address, including country)	<u>1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN</u>		
1	Typewritten Full Name of Joint Inventor	Ryouji	Middle Initial	MATSUI
		Given Name		Family Name
2	Inventor's Signature:			
3	Date of Signature:	Month	Day	Year
	Residence: <u>Suita</u> City		Osaka	JAPAN
	Citizenship: <u>Japanese</u>			
	Post Office Address:	<u>c/o Graduate School of Engineering, Osaka University</u>		
	(Insert complete mailing address, including country)	<u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>		

1	<i>Typewritten Full Name of Joint Inventor</i>	Takahiro	HIBINO
		Given Name	Family Name
2	Inventor's Signature:		
3	Date of Signature:	Month	Day
		Suita	Osaka
		City	State or Province
	Citizenship:	Year	
	Japanese	JAPAN	
	Post Office Address:	<u>c/o Graduate School of Engineering, Osaka University</u>	
	(Insert complete mailing address, including country)	<u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>	
1	<i>Typewritten Full Name of Joint Inventor</i>	Tomoharu	OKUNO
		Given Name	Family Name
2	Inventor's Signature:		
3	Date of Signature:	Month	Day
		Suita	Osaka
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